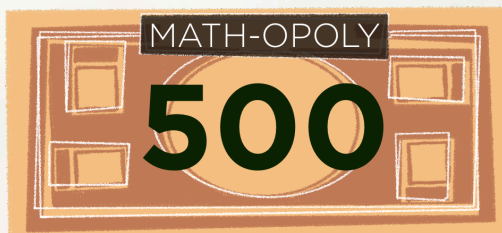
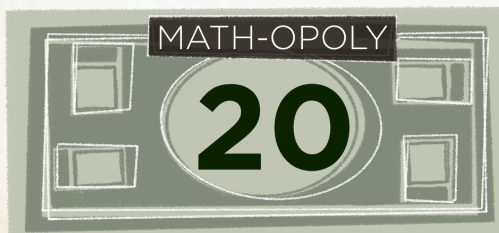
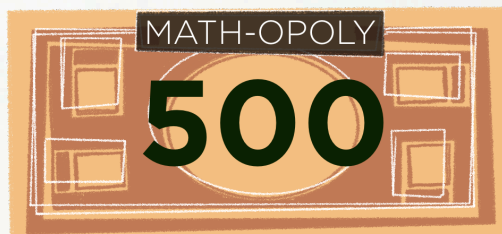
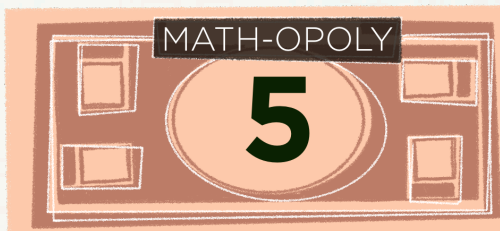
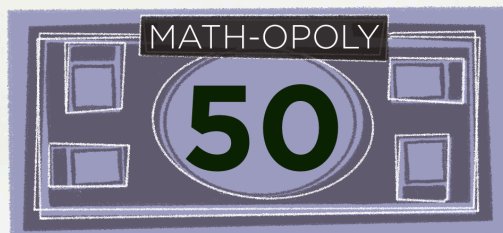
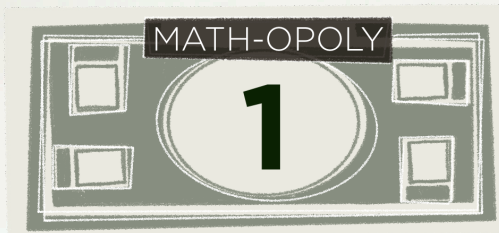


# WonderHere

## World History

### Unit Study



Math-opoly  
MATH GAME

## Set Up:

Each player will be referred to as an Investor. Each Investor should first choose a small token to represent themselves. This can be a pom-pom, paper clip, or tiny toy, or game piece from another game. Everyone places their token on START. Select one person to be the “Banker”. This person should pass out assets to each Investor: \$1500 divided as follows: 2 each of \$500’s, \$100’s and 50’s; 6 \$20’s; 5 each of \$10’s, \$5’s and \$1’s. All remaining money and equipment go to the Bank.

## How to Play:

1. To begin the game, the first person to solve one of the random math facts below can go first. The turns are then taken counter-clockwise.
2. On your turn, the Investor should roll the dice and move that number of spaces. If the Investor lands on an Investment Opportunity that is unclaimed, they can pay the Price of Acquisition to the bank and receive all 10 shares of the total Stock Certificates. If they are not interested in claiming that opportunity, they can also choose to do nothing else on this turn.
3. If the Investor lands on an Investment Opportunity that is currently claimed, they can offer to purchase 1 or more shares of the Company at the rate on each Stock Certificate. If the primary shareholder is unwilling to sell a share to the Investor, they may charge a 10% tax of the Investor’s total assets for landing on their space.
4. If the Investor passes GO, they collect \$200.
5. If the Investor lands on Community Chest or CHANCE, they must draw a card and do what the card says.
6. If an Investor lands on a corner space that reads DIVIDED PAYOUT, everyone should collect from the bank the dividend from each of their Investments.
7. The game ends when the Investors have ventured through 1 fiscal year, by collectively landing on one of the Dividend Payout corners 4 times (representing 4 quarters). When this happens, everyone should add up their assets. Person with the most money is the winner.

## Random Math Facts to Solve

Primary	Post-Primary	Comprehensive
<ul style="list-style-type: none"><li>• <math>5+5 =</math></li><li>• <math>10-1=</math></li><li>• <math>25-1=</math></li></ul>	<ul style="list-style-type: none"><li>• <math>10 \times 5 =</math></li><li>• <math>99 \times 1</math></li></ul>	<ul style="list-style-type: none"><li>• <math>1/2 + 1 1/2 =</math></li><li>• <math>4.5 - 5 =</math></li><li>• How many inches are in 3 feet?</li><li>• What is the perimeter of a square that has a side whose length is 5 cm long?</li></ul>

<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>7      3</p>	<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>4      9</p>
<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>5      9</p>	<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>8      2</p>
<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>9      8</p>	<p>Complete the number sentence below by comparing the two numbers using: GREATER THAN (<math>&gt;</math>) LESS THAN (<math>&lt;</math>) OR EQUAL TO (<math>=</math>)</p> <p>3      1</p>

What is the value of this coin?



What is the value of this coin?



How much money is this?



How much money is this?



Is the number 3 less than or more than the number 5?

You have 3 pennies. You gave one to your friend. How many pennies do you have left?

What is the value of this bill?



What is the value of this bill?



What is the value of this bill?



How much money is this?



Bella has \$3. She earned 2 more dollars. How much money does Bella have now?

Johnny and Lisa each have \$2. How much money do they have combined?

Amy invested \$3 for stock in Apple. She sold all of her shares for a total of \$875. How much profit did Amy make?

Tyler had dinner at Longhorn Steak House and his bill came out to \$25. Including his tip, Tyler spent a total of \$30. How much did Tyler tip?

Jessica invested in stock for 4 different companies. She has 2 shares in Apple, 1 share in McDonald's, 1 share in Nike, and 3 shares in Uber. How many shares does Jessica have in total?

Sandra invested \$245 for 2 shares in Amazon stock. She sold both for \$210. How much money did Sandra lose?

Denzel purchased 55 shares of stock from Nike for \$54/share. He sold his shares for \$45/share. Did Denzel experience profit or loss?

Drew has invested in stock as a gift to his siblings. He has 4 siblings and bought 3 shares for each of them. How many shares did Drew buy in total?

You invested in McDonald's stock. You have paid \$145 for a total of 2 shares. How much was 1 share?

Kevin and John invested in stock together. They bought 5 shares for a total of \$200. How much money did Kevin invest?

Justin was gifted 3 shares of stock from his mom and dad. How many shares does he have in total?

You and two friends had dinner at Cheddar's and the bill comes out to \$45. You decide to split the bill equally. How much did you pay towards the bill?

You get dinner at a restaurant and your bill is \$15. You tip your server 15% of your bill. How much did you tip your server?

Jann went to Publix to get cookies. The cookies are \$3.99 before tax and sales tax is 7%. What is the total price of the cookies after tax?

Jennifer, Mike, and Joey each have 5 shares of Amazon stock. How many shares do they have combined?

<p>Dave invested in 5 shares of stock for \$15 a share. How much did he spend on all 5 shares in total?</p>	<p>Kyle ordered pizza for his friends and his bill came out to \$20. He tipped the driver 18% of the bill. How much did Kyle pay in total?</p>
<p>Caroline and parents invested in stock. Each of them bought 4 shares each. How many shares do they have combined?</p>	<p>Anamarie bought 20 shares of stock for \$45 a share. How much did Anamarie pay in total?</p>
<p>David ate a restaurant and his bill was \$25. He tipped his server 15% of his bill. How much did he pay in total?</p>	<p>Isabelle bought 4 shares in 5 different companies. How many shares does she have combined?</p>
<p>Aaliyah and Ayla were gifted 5 shares of stock each. How many shares do they have combined?</p>	<p>Kira and Jake invested in 3 shares of stock each. Kira had an additional 2 shares of stock in another company. How many shares of stock does Kira have in total?</p>

<p>Trey put \$120 in a savings account. He will earn 15% interest every year. How much will Trey have at the end of the first year?</p>	<p>Kayla will earn interest on her \$105 at a rate of 20% yearly. How much will Kayla have after the 2nd year?</p>
<p>Jacob had dinner at a restaurant and tipped his server 20% of his bill. His bill was \$35. How much did Jacob tip his server?</p>	

## Answer Key for Post-Primary Math-opoly Cards

1. Answer: 12 shares
2. Answer: \$72.50
3. Answer: \$100
4. Answer: 6
5. Answer: \$15
6. Answer: \$2.25
7. Answer: \$4.27
8. Answer: 15 shares
9. Answer: \$75
10. Answer: \$23.60
11. Answer: \$23.60
12. Answer: 12 shares
13. Answer: \$900
14. Answer: \$28.75
15. Answer: 20 shares
16. Answer: 10 shares
17. Answer: \$138
18. Answer: \$138
19. Answer: \$147
20. Answer: \$7



<p>Scooter had dinner at a restaurant and his bill came out to \$37. He tipped his server \$7.40. What percentage of his bill did Tyler tip his server?</p>	<p>You will earn interest on your \$120 at a rate of 2% compounded annually. At that rate, how much would you have at the end of the 2nd year?</p>
<p>How much tip should you leave if you want to tip 15% at Black and Brew on a \$17.32 bill?</p>	<p>Teresa puts \$400 in a bank account earning 6% interest. How much will she earn in 2 years?</p>
<p>Write the decimal as a percent: 0.67</p>	<p>Amazon is selling their stock for \$32.45 a share. You have 4 shares. What is their total value now?</p>
<p>Justin borrows \$900 from a bank with 7% simple interest. How much will he have to pay back in total after 3 years?</p>	<p>Amber will earn interest on her \$350 at a fixed rate of 15% annually. At that rate, how much would she have at the end of the year?</p>

<p>Ari put \$750 into her savings account at a bank. She will earn 4% in interest. How much will Ari earn in interest in 1 year?</p>	<p>Write the percent as a decimal: 5%</p>
<p>Starting money= \$125. Total money after interest is added= \$181.25. Time= 5 years. What is the rate?</p>	<p>Travis bought 85 shares of stock at \$100/share. He sold it at \$130/share. How much did Travis profit or loss?</p>

## Answer Key for Comprehensive Math-opoly Cards

1. Answer: 20%
2. Answer: \$124.8
3. Answer: \$2.60
4. Answer: 48
5. Answer: 67%
6. Answer: \$129.80
7. Answer: \$1,086
8. Answer: \$402.5
9. Answer: \$30
10. Answer: 0.0
11. Answer: 9%
12. Answer: Profit
13. Answer: \$2,550

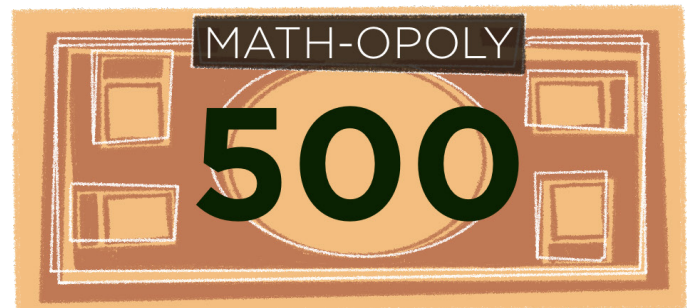
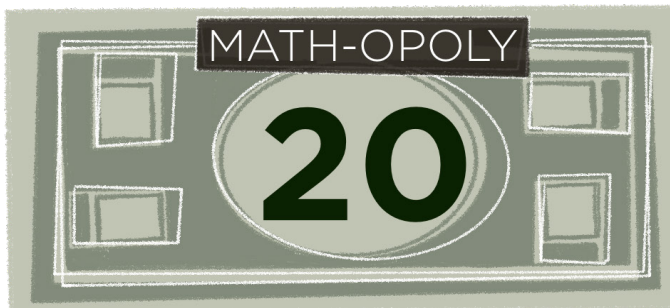
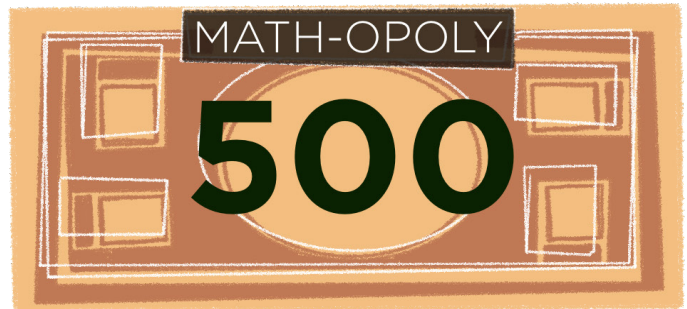
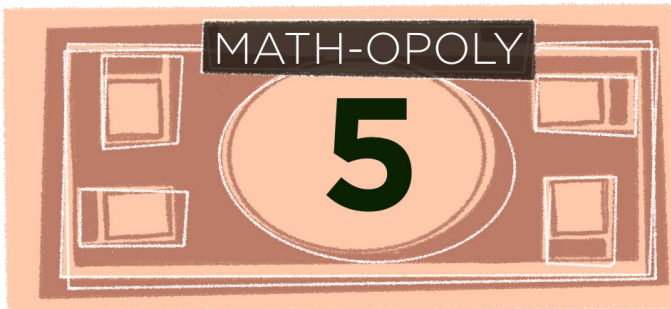
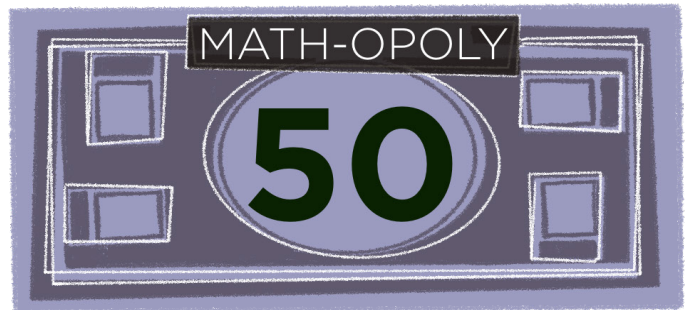
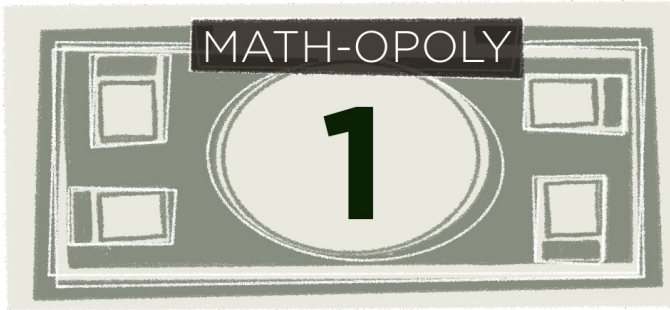
# ALL LEVELS

# Chance Cards

<p>Select one of your stocks. Research the value of your dividends for that stock today. If you can correctly find this answer before your next turn comes up, you can go twice. If not, you miss the next turn.</p>	<p>Ask each player to write down a math problem for you to solve. If you can correctly solve each question before your next turn comes up, you can go twice. If not, you miss the next turn.</p>
<p>Select one of the stocks you have and buy 100% of them. If you cannot afford that, then sell those stocks to someone else or back to the bank.</p>	<p>Do 25 push-ups.</p>
<p>Do 25 jumping jacks.</p>	<p>Using a calculator or paper/pencil, add up the value of all of your stocks. If you can correctly find this answer before your next turn comes up, you can go twice. If not, you miss the next turn.</p>
<p>Jog in place until your next turn arrives.</p>	<p>Sit quietly until your next turn arrives. No talking at all, or you skip your next turn.</p>

<p>Sing or hum until your next turn arrives. No breaks. No stopping.</p>	<p>Draw a map of Wall Street. If you can correctly do this before your next turn comes up, you can go twice. If not, you miss the next turn.</p>
<p>Give away one of your stocks to someone else.</p>	<p>Research the most valuable stock available right now. If you can correctly find this answer before your next turn comes up, you can go twice. If not, you miss the next turn.</p>
<p>Jump up and down until your next turn. No breaks.</p>	<p>Select one of your stocks and research the difference between your cost to purchase those stocks during the game and the real-world value of those stocks. If you can correctly find this answer before your next turn comes up, you can go twice. If not, you miss the next turn.</p>
<p>Add up how much money you have remaining. What is the value of all of the stocks you currently have? What is the total value of stocks and money that you have? If you can correctly find this answer before your next turn comes up, you can go twice. If not, you miss the next turn.</p>	

# Math-opoly Money





**Stock Certificate**

**DOW Chemical**



Stock Certificate  
S&P 500



**Stock Certificate**  
**Pfizer**





**Stock Certificate**

**General Electric**



**Stock Certificate**

**Johnson & Johnson**



**Stock Certificate**  
Lafayette College Investing Club



Stock Certificate

IBM



Stock Certificate

Disney



**Stock Certificate**  
EXXON Mobile Standard Oil



Stock Certificate

Aflac



Stock Certificate

Publix





**Stock Certificate**  
**Westfield**



Stock Certificate

Lowe's



Stock Certificate

Coca-Cola



Stock Certificate  
McDonald's



**Stock Certificate**

**Flowers Foods**



**Stock Certificate**  
**St. Charles Place**



**Stock Certificate**

**Walmart**



Stock Certificate

Intel





**Stock Certificate**  
**Southwest Airlines**



**Stock Certificate**  
**Walgreens**



**Stock Certificate**

**Apple**